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STATEMENT UNDER 37 CFR 3.73(b)

Application No./Patent No.: 10/075,938 Filed/Issue Date: February 13, 2002 Tritled: Error Control Coding Method and System for Non-Volatile Memory Taiwan Semiconductor Manufacturing Co., Ltd , a corporation	Applicant/Patent Owner: Yue Der Chih	
Taiwan Semiconductor Manufacturing Co., Ltd, a corporation (Type of Assignee, e.g., corporation, partnership, university, government agency, etc. states that it is: 1.	Application No./Patent No.: 10/075,938	Filed/Issue Date: February 13, 2002
(Name of Assignee) (Type of Assignee, e.g., corporallion, patheership, university, government agency, etc. states that it is: 1.	Titled: Error Control Coding Method and System	for Non-Volatile Memory
states that it is: 1.	Taiwan Semiconductor Manufacturing Co., Ltd.	a corporation
1.	(Name of Assignee)	(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.
an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is	states that it is:	
(The extent (by percentage) of its ownership interest is	1. X the assignee of the entire right, title, and inte	rest in;
the patent application/patent identified above, by virtue of either: A.		
A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012603 , Frame 0744 , or for which a copy therefore is attached. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows: 1. From:	3. the assignee of an undivided interest in the e	entirety of (a complete assignment from one of the joint inventors was made)
the United States Patent and Trademark Office at Reel 012603	the patent application/patent identified above, by virtue of	of either:
A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows: 1. From: To: The document was recorded in the United States Patent and Trademark Office at Reel 2. From: To: The document was recorded in the United States Patent and Trademark Office at Reel 7. Frame 7. or for which a copy thereof is attached. 3. From: The document was recorded in the United States Patent and Trademark Office at Reel 8. Frame 7. or for which a copy thereof is attached. 3. From: The document was recorded in the United States Patent and Trademark Office at Reel 9. Frame 9. or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet(s). As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment and the records of the USPTO: See MPEP 302.00] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. Date Date	the United States Patent and Trademark Offi	tent application/patent identified above. The assignment was recorded in ice at Reel 012603 , Frame 0744 , or for which a
1. From:		
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. 2. From: To:, or for which a copy thereof is attached. 2. From:, or for which a copy thereof is attached. 3. From:, or for which a copy thereof is attached. 3. From:, or for which a copy thereof is attached. 3. From:, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet(s). As required by 37 CFR 3.73(b(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment for the coords of the USPTO. See MPER-302.00] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. [Paniel R. McClure/		· · · · · · · · · · · · · · · · · · ·
Reel, Frame, or for which a copy thereof is attached. 2. From: To:	1. From:	To:
2. From: The document was recorded in the United States Patent and Trademark Office at Reel Frame Or for which a copy thereof is attached. 3. From: To: The document was recorded in the United States Patent and Trademark Office at Reel Additional document was recorded in the United States Patent and Trademark Office at Reel Additional documents in the chain of title are listed on a supplemental sheet(s). As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR 8-13, to record the assignment in the records of the USPTO-\$55 MFEP-\$62.65] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. /Daniel R. McClure/ Signature	The document was recorded in the	United States Patent and Trademark Office at
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. 3. From: To:, or for which a copy thereof is attached. The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet(s). As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the resords of the USPTO. Sopt MPEP 302.05] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. //Daniel R. McClure/ Signature Date	Reel, F	rame, or for which a copy thereof is attached.
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. 3. From: To:, or for which a copy thereof is attached. The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet(s). As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the resords of the USPTO. Sopt MPEP 302.05] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. //Daniel R. McClure/ Signature Date	2. From:	To:
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or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.05] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. //Daniel R. McClure/ Signature Date	Additional documents in the chain of title are	e listed on a supplemental sheet(s).
accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See [KPEP 302.00] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. (Daniel R. McClure/ Signature Date		
/Daniel R. McClure/ April 3, 2009 Signature Date		
Signature Date	The undersigned (whose title is supplied below) is autho	rized to act on behalf of the assignee.
	/Daniel R. McClure/	April 3, 2009
B 118 H 8	Signature	Date
Daniel R. McClure Attorney of Record	Daniel R. McClure	Attorney of Record
Printed or Typed Name Title This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to	7.	

This collection of information is required by 37 CFR 373(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USFTO to process) an application. Confidentiality is governed by 35 US 6.7 t22 and 37 CFR. 1.11 and 1.14. This collection is estimated to last 25 minuted to including gathering, preparing, and submitting the completed application form to the USFTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for rectaining this burden, should be sent to the Chief Information Officer, US. Patent and Trademark Office, US. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record
- A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
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- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about Individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 121(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or reculation.